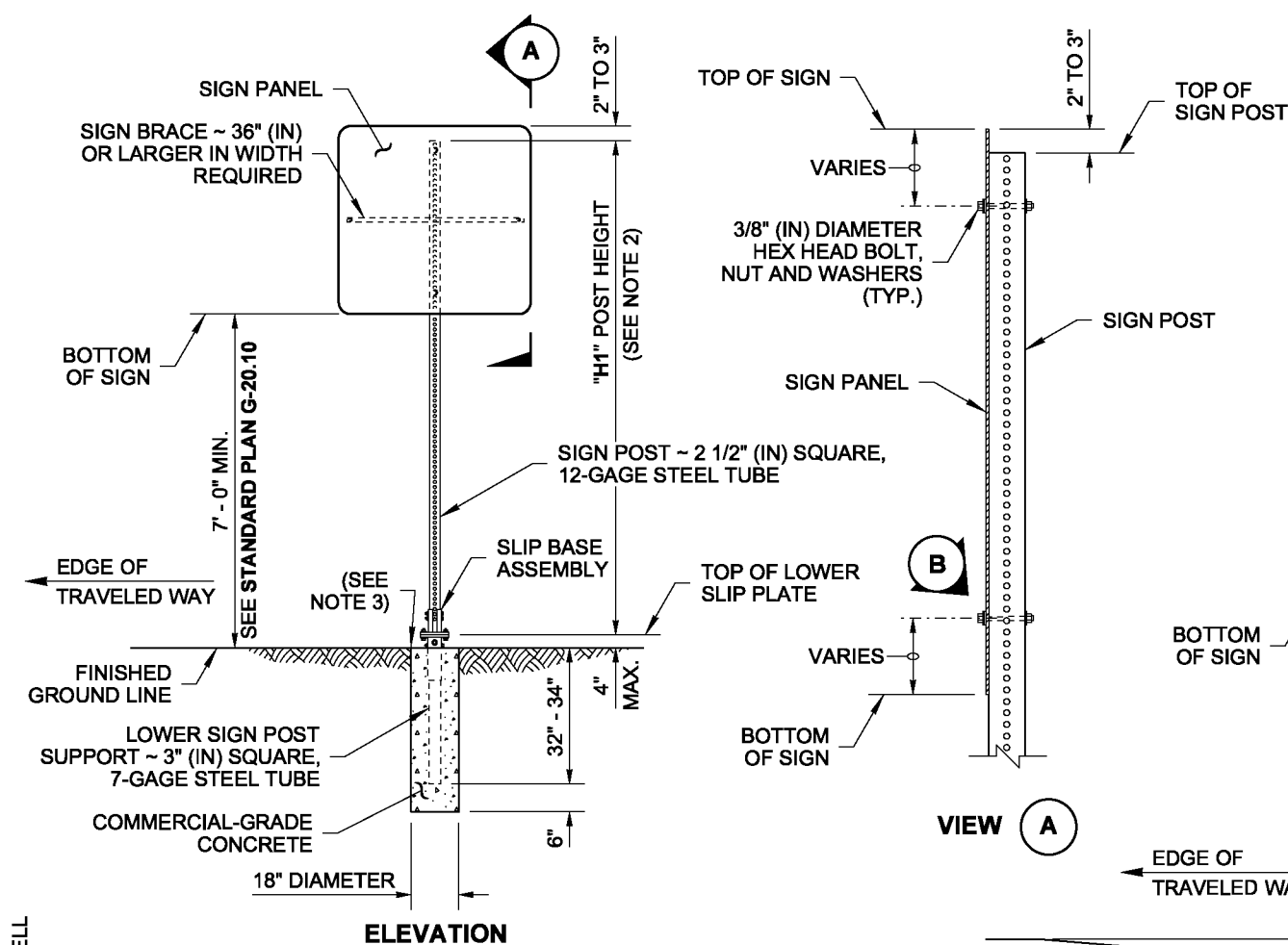
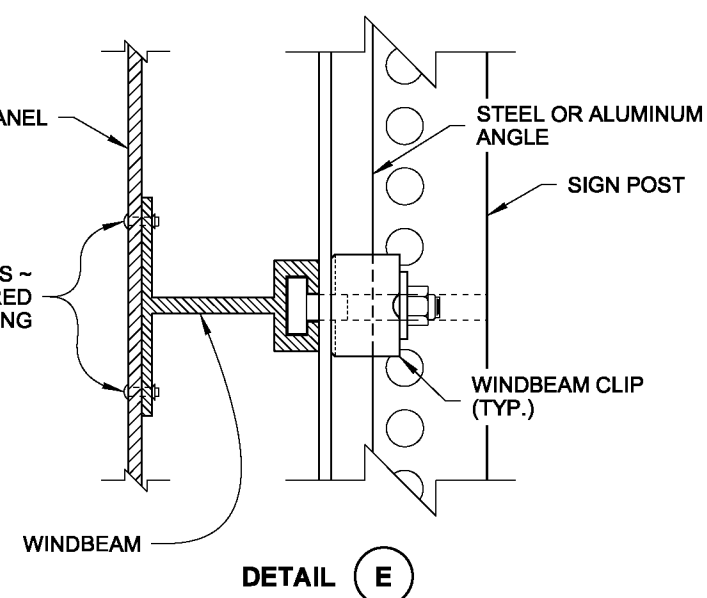
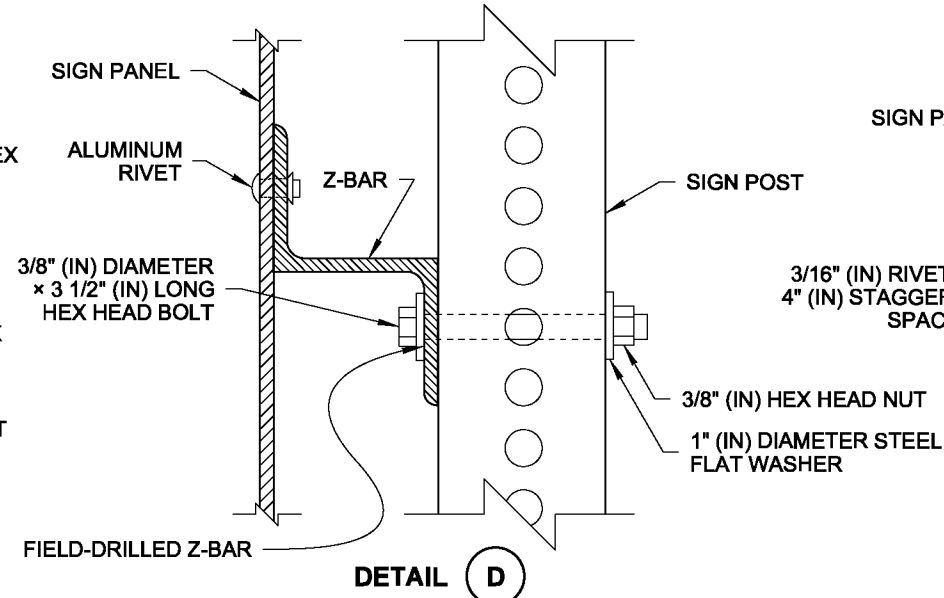
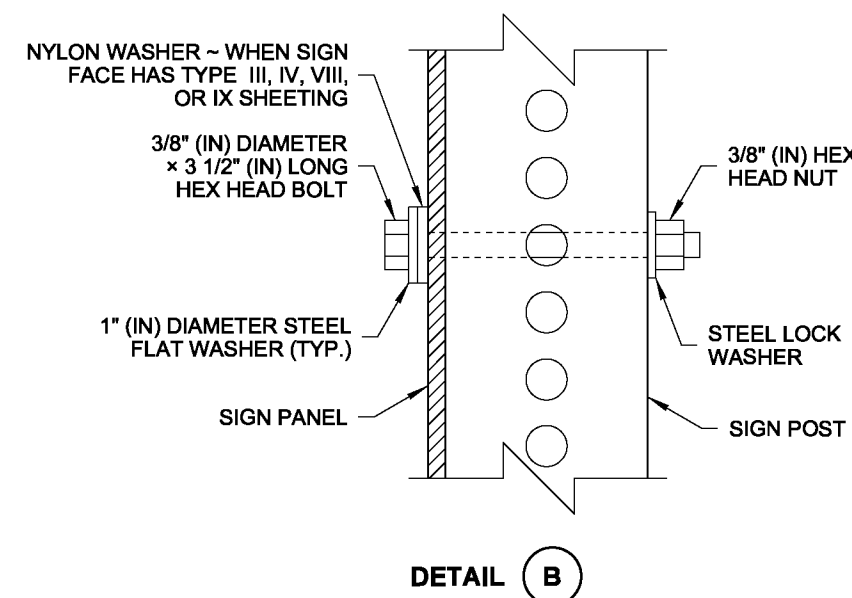


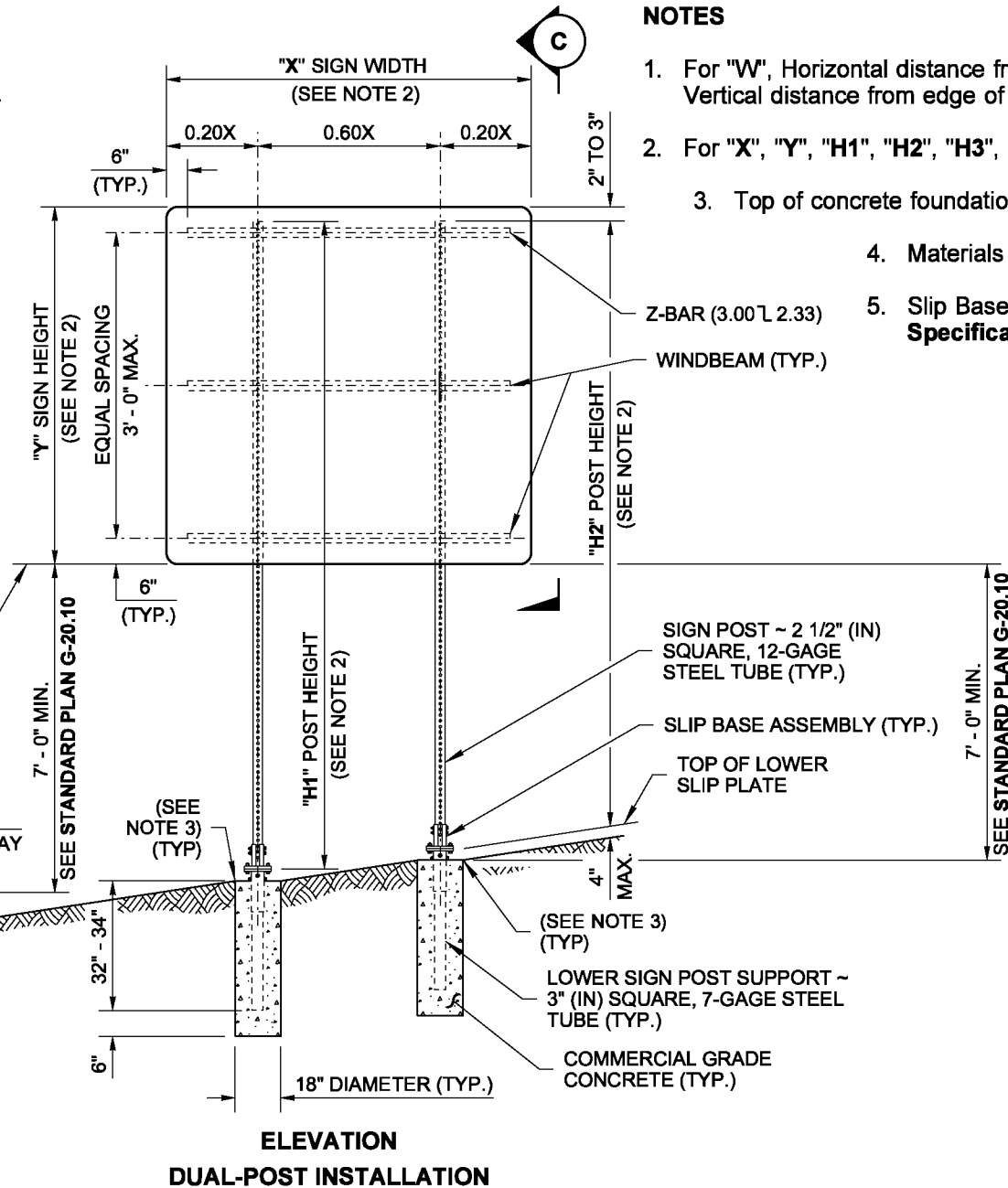
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| WINDLOAD FOR SQUARE TUBE POSTS AT 90 MPH     |         |             |        |        |
|--|---------|-------------|--------|--------|
| POSTS  |         | MAXIMUM XYZ |        |        |
|  |         | 1-POST      | 2-POST | 3-POST |
| 2 1/2" PSST                                  | 12-GAGE | 172         | 344    | 516    |
| * 2 1/2" PSST with 2 1/4" insert             | 12-GAGE | 309         | 618    | 927    |
| * 3" SOLID POST                              | 7-GAGE  | 471         | 942    | 1413   |
| * SLIP BASE REQUIRED (UNLESS BEHIND BARRIER) |         |             |        |        |
| (MAXIMUM 3 SLIP BASES ALLOWED IN 7' SPAN)    |         |             |        |        |

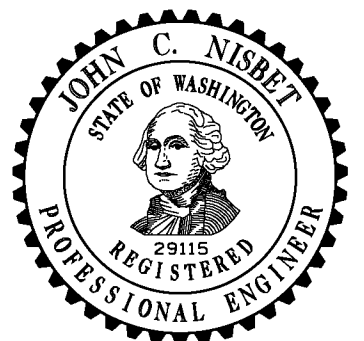
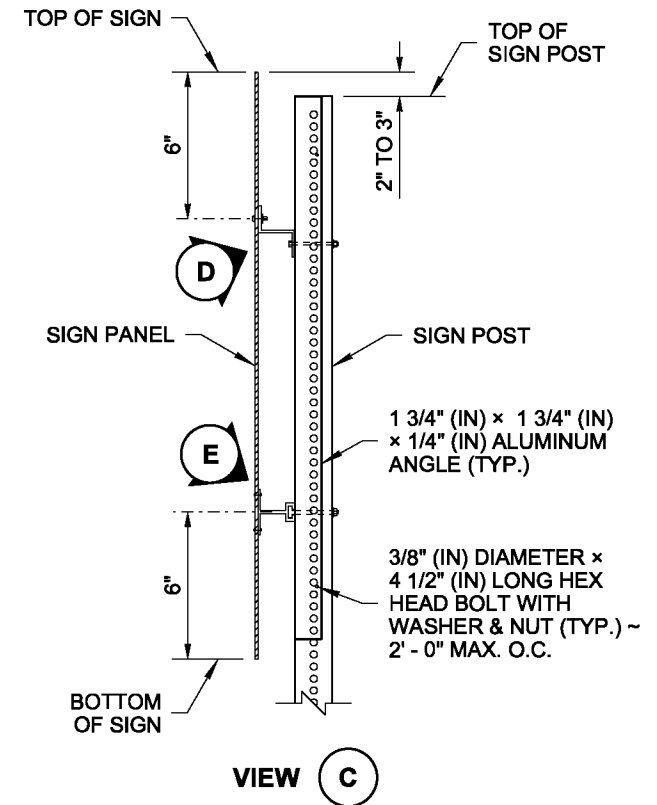


STEEL SIGN SUPPORT TYPES SB-1, SB-2 & SB-3 ~ 8" (IN)



#### NOTES

- For "W", Horizontal distance from edge of traveled way to center of nearest post, and "V", Vertical distance from edge of traveled way to bottom of sign, see **Standard Plan G-20.10**.
- For "X", "Y", "H1", "H2", "H3", and "H4", refer to the Sign Specification Sheet in the Contract.
- Top of concrete foundations shall be smooth, dense, and uniform to finished groundline.
- Materials shall meet the requirements of **Standard Specification 9-28**.
- Slip Base materials shall meet the requirements of **Standard Specification 9-06**.



### STEEL SIGN SUPPORT TYPES SB-1, SB-2 & SB-3 INSTALLATION DETAILS STANDARD PLAN G-24.40-04

SHEET 1 OF 4 SHEETS

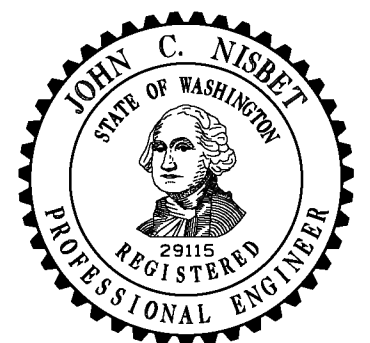
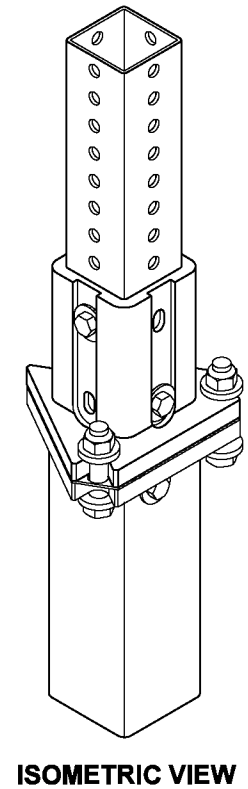
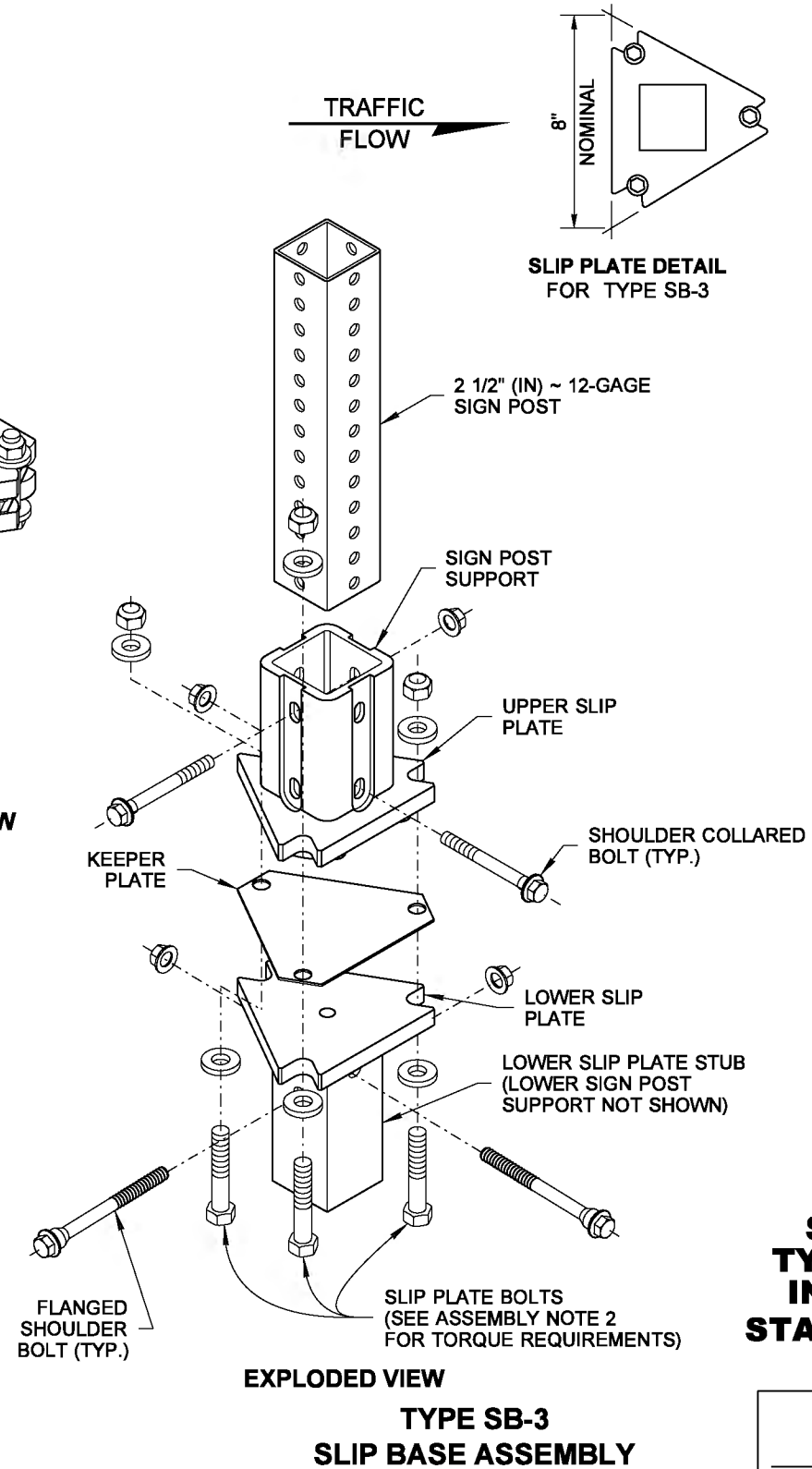
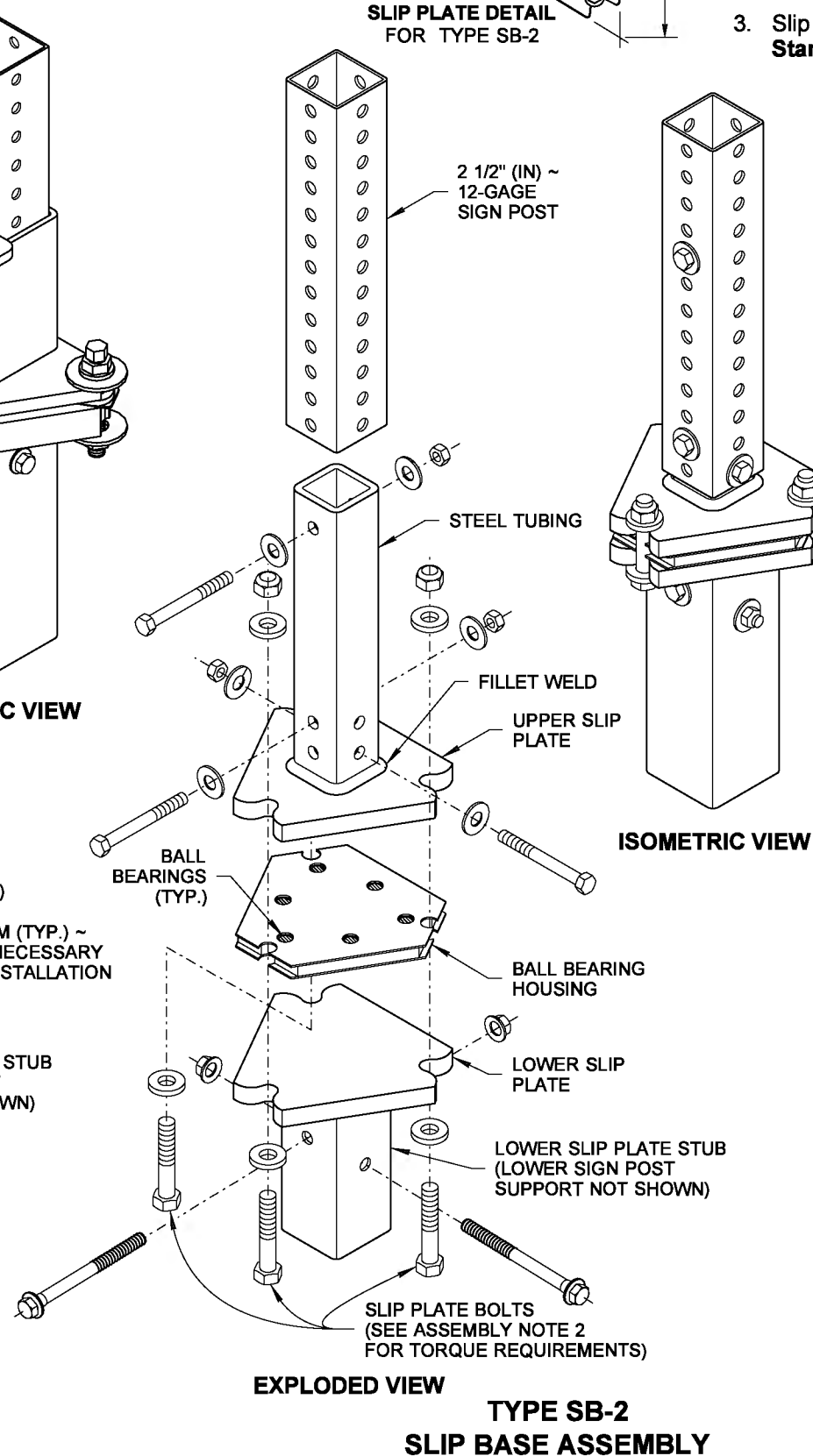
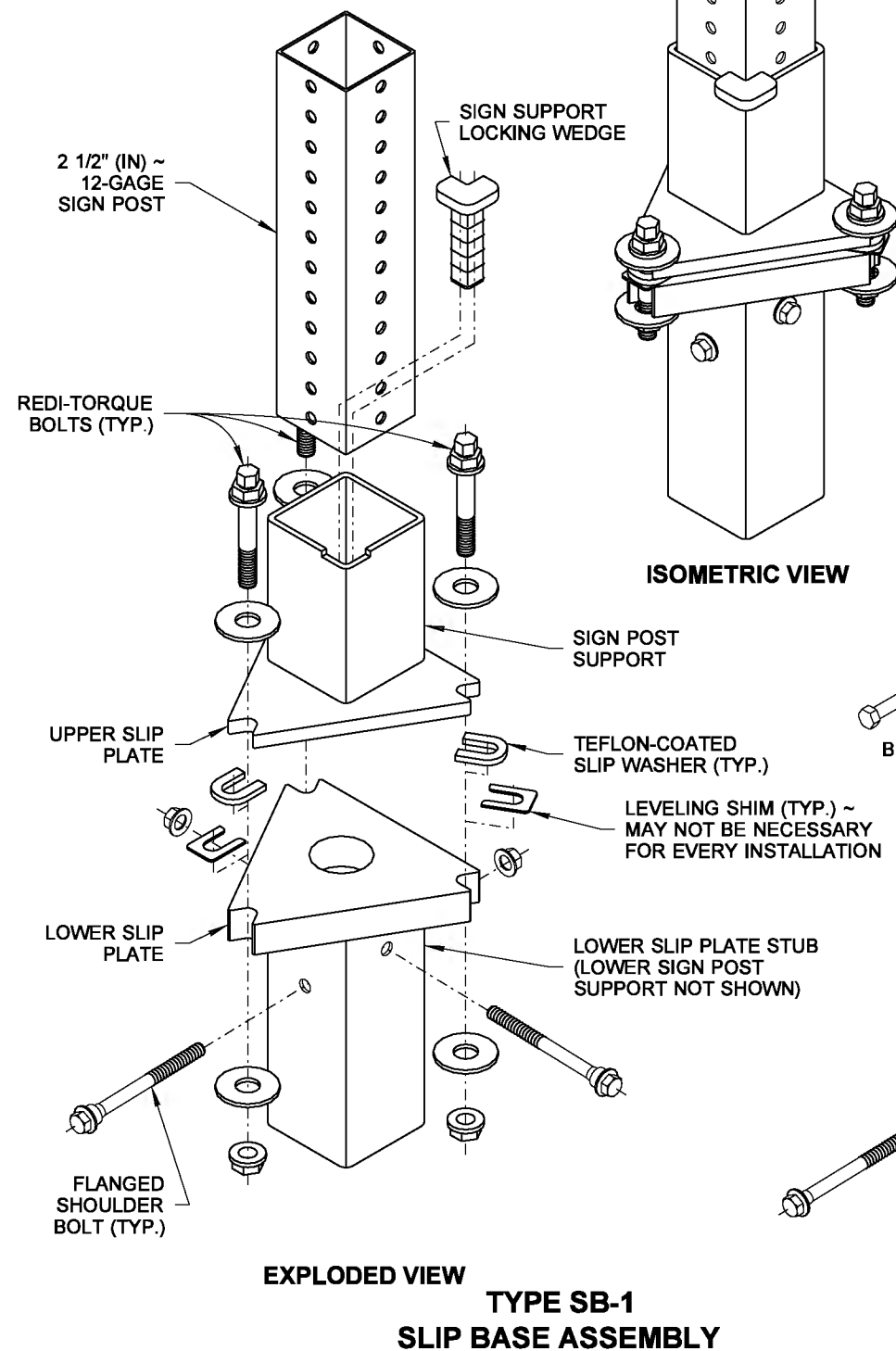
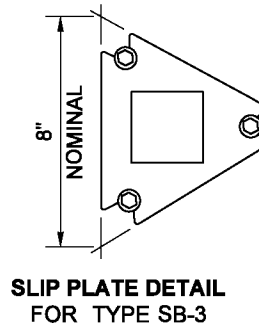
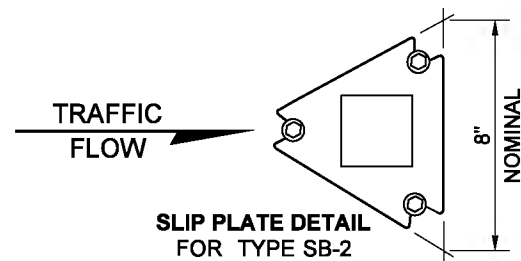
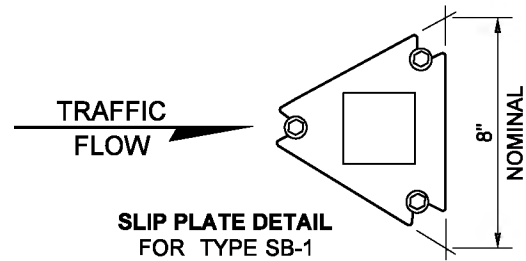
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# ASSEMBLY NOTES

1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.
2. Do not tighten any single Slip Plate Bolt to the recommended torque before pretightening the other bolts. Progressively tighten the three Slip Plate Bolts in 10 ft-lb increments, alternately, to a final torque of 40 ft-lbs on each.
3. Slip Base assembly materials shall meet the requirements of **Standard Specifications 9-06 and 9-28.**

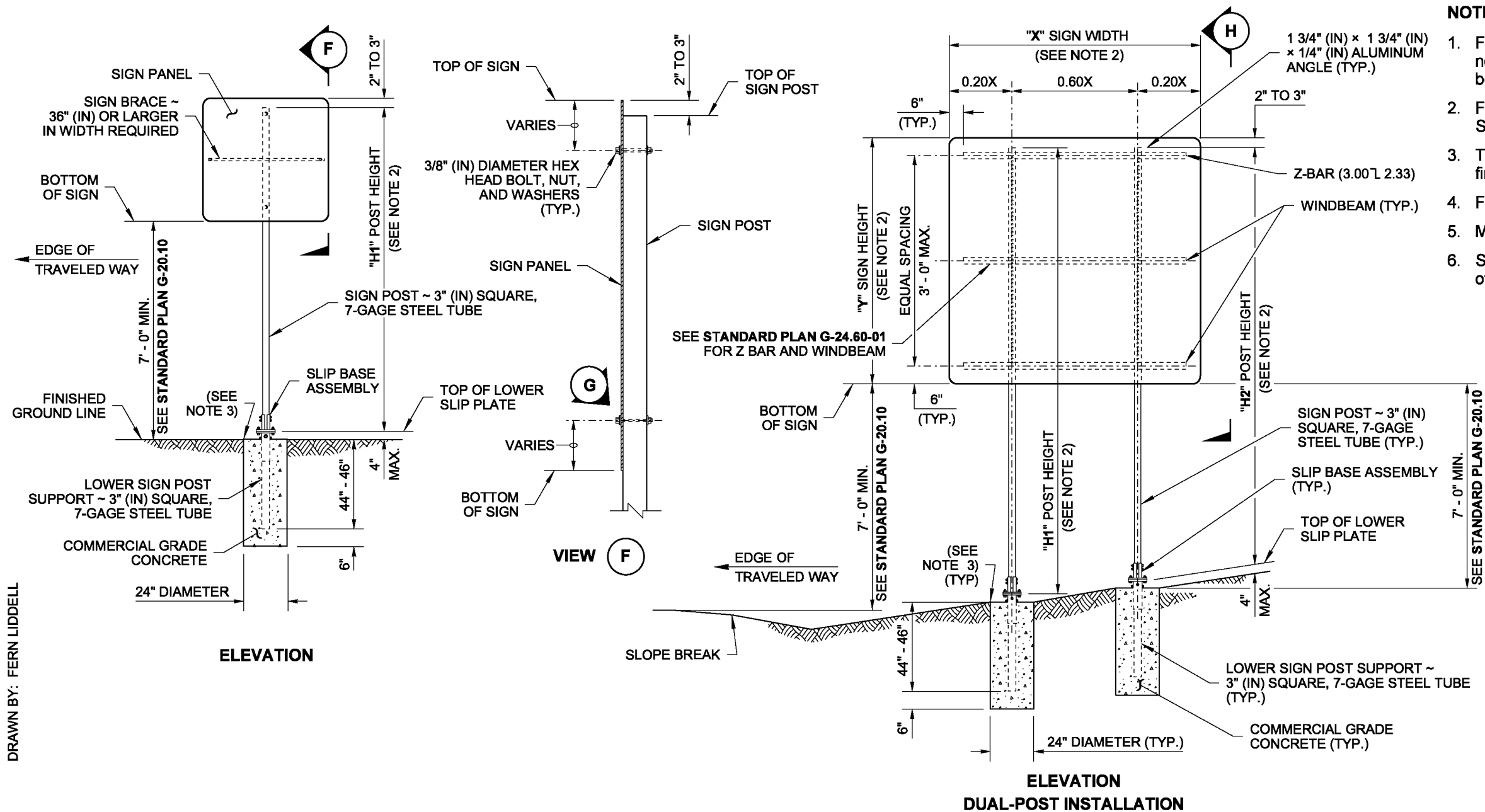


## **STEEL SIGN SUPPORT TYPES SB-1, SB-2 & SB-3 INSTALLATION DETAILS STANDARD PLAN G-24.40-04**

SHEET 2 OF 4 SHEETS

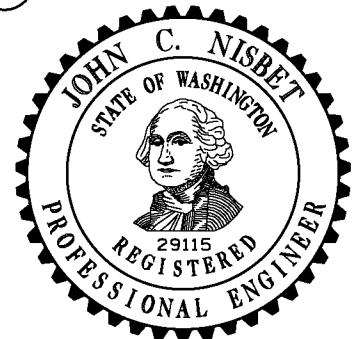
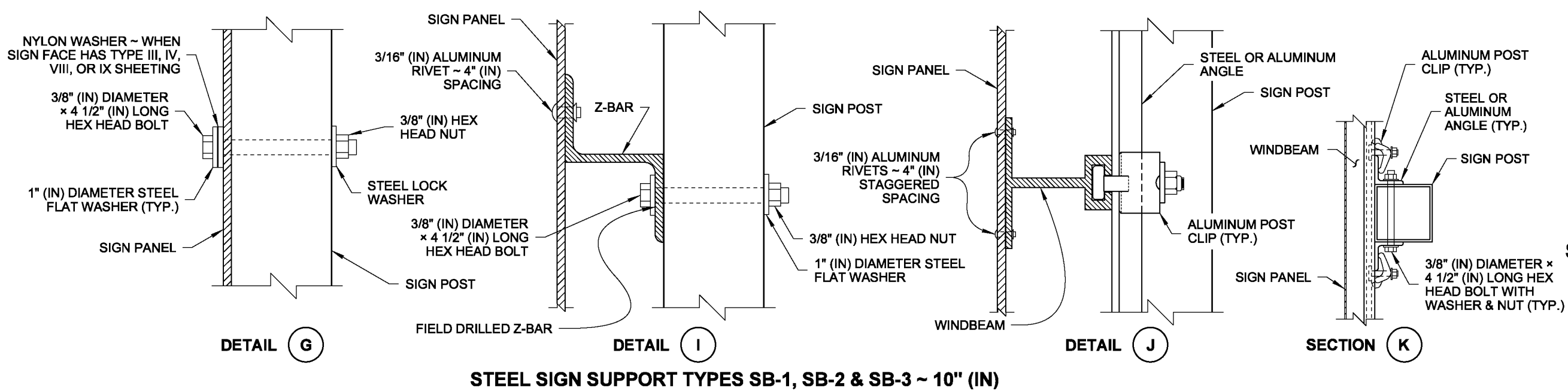
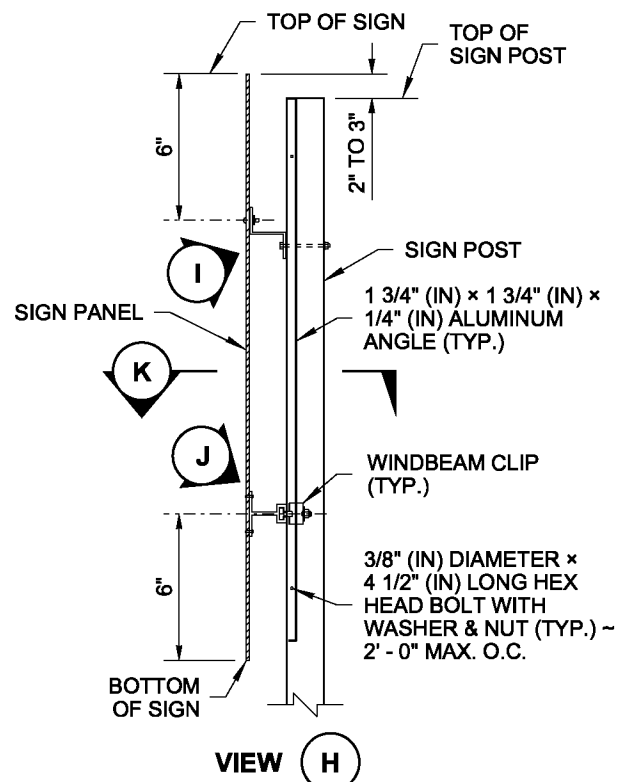
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**NOTES**

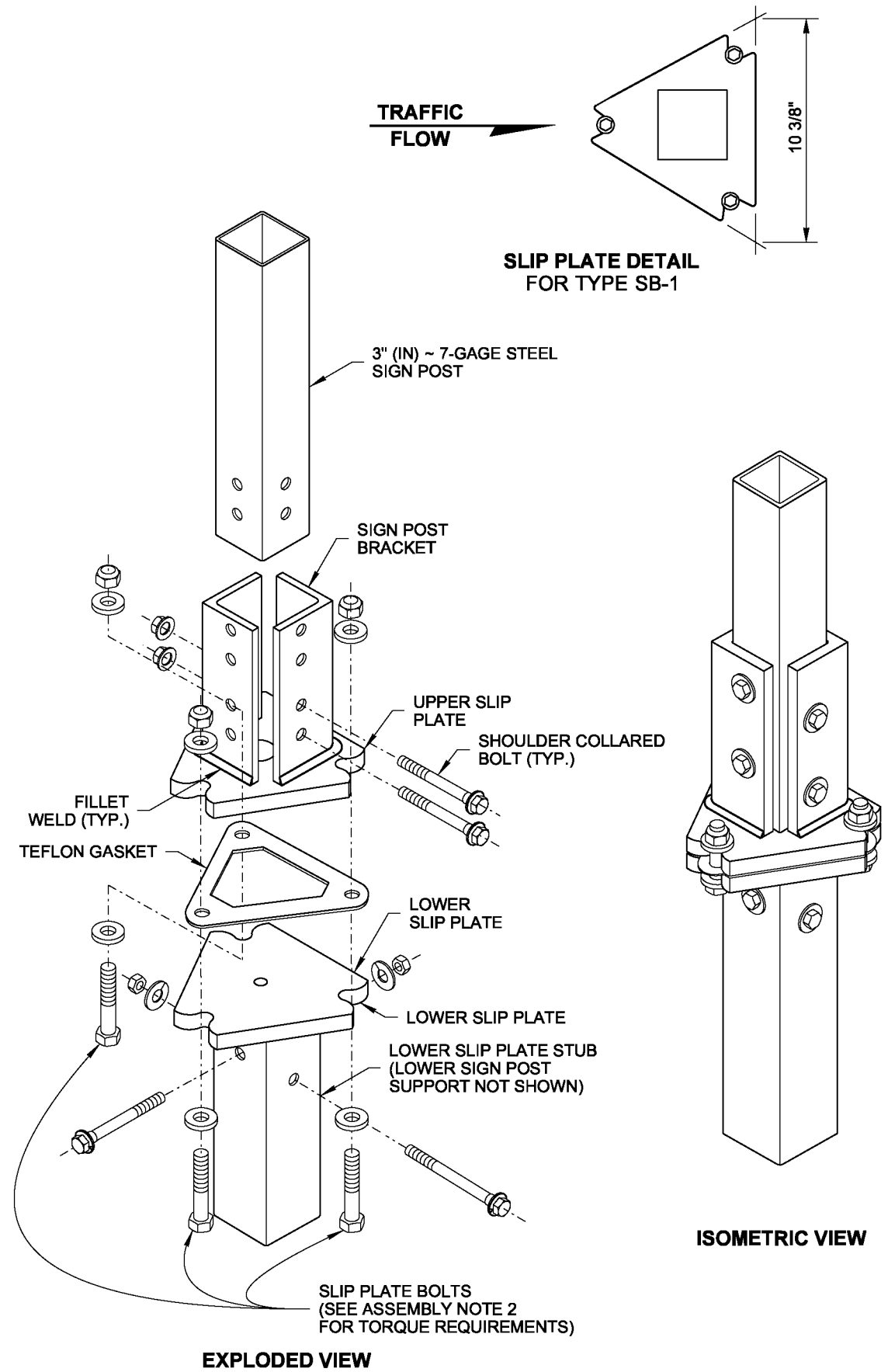
1. For "W", Horizontal distance from edge of traveled way to center of nearest post, and "V", Vertical distance from edge of traveled way to bottom of sign, see **Standard Plan G-20.10**.
2. For "X", "Y", "H1", "H2", "H3", and "H4", refer to the Sign Specification Sheet in the Contract.
3. Top of concrete foundation shall be smooth, dense, and uniform to finished ground line.
4. Field drill posts to accept angle and cold galvanized holes.
5. Materials shall meet the requirements of **Standard Specification 9-28**.
6. Slip Base assembly materials shall meet the requirements of **Standard Specifications 9-06** and **9-28**.



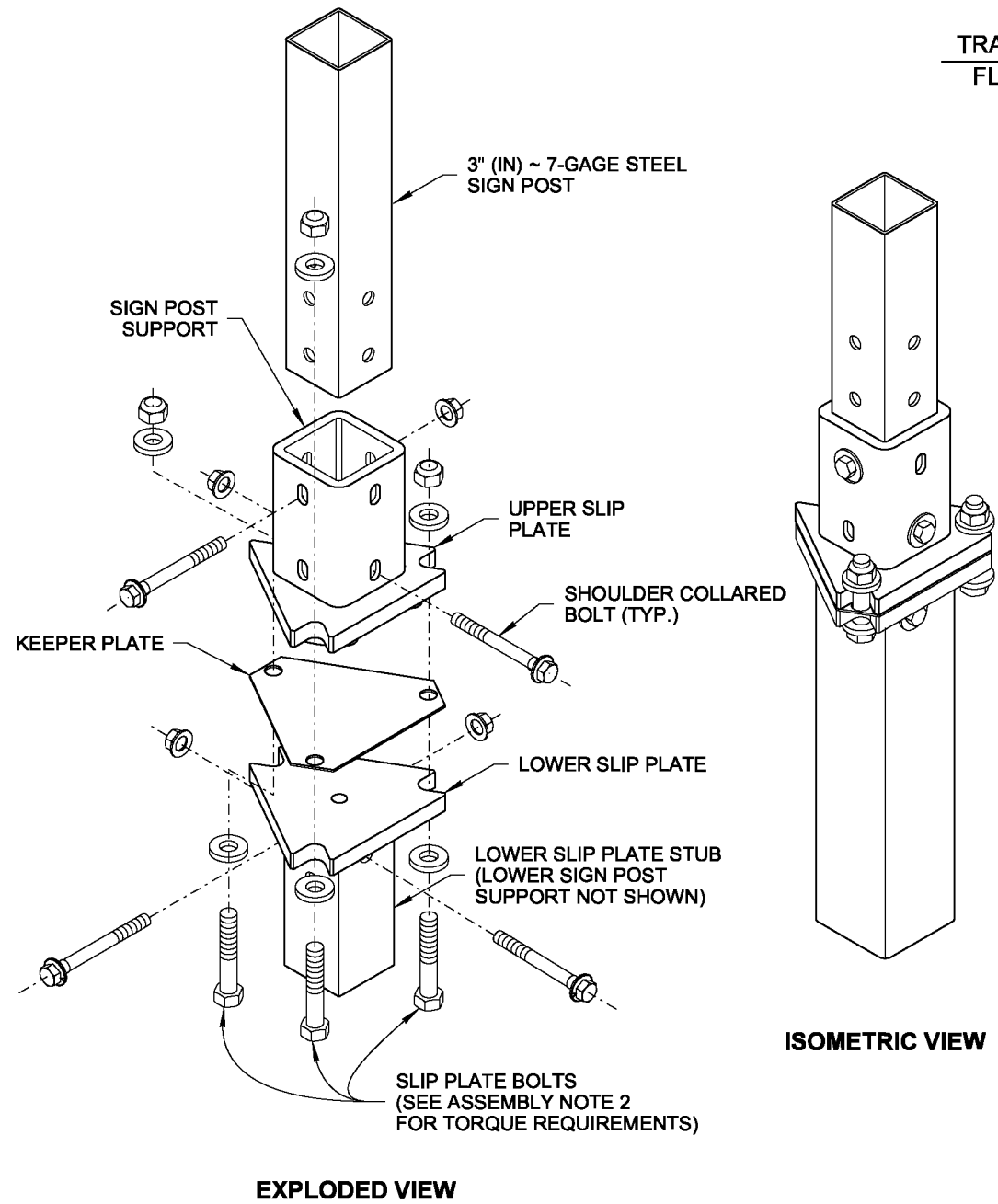
**STEEL SIGN SUPPORT  
TYPES SB-1, SB-2 & SB-3  
INSTALLATION DETAILS  
STANDARD PLAN G-24.40-04**

SHEET 3 OF 4 SHEETS

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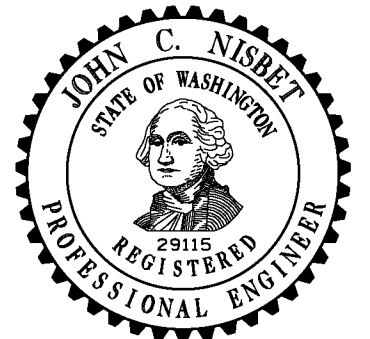
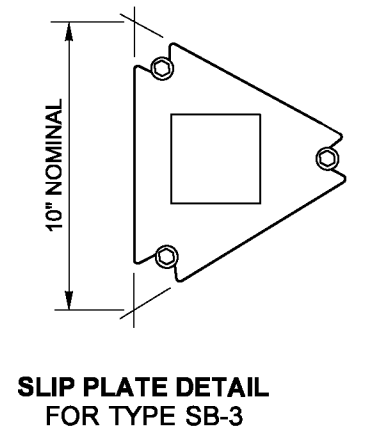
**TYPE SB-1  
SLIP BASE ASSEMBLY**



**TYPE SB-3  
SLIP BASE ASSEMBLY**

**ASSEMBLY NOTES**

1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.
2. Do not tighten any single Slip Plate Bolt to the recommended torque before pretightening the other bolts. Progressively tighten the three Slip Plate Bolts in 10 ft-lb increments, alternately, to a final torque of 40 ft-lbs on each.
3. Use only Slip Base manufacturer supplied hardware that meets the requirements of **Standard Specifications 9-06 and 9-28.**



**STEEL SIGN SUPPORT  
TYPES SB-1, SB-2 & SB-3  
INSTALLATION DETAILS  
STANDARD PLAN G-24.40-04**

SHEET 4 OF 4 SHEETS

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